



Ministry
of the
Environment

Water Resources
Bulletin 3-12
Surface water series

SELECTED STREAMFLOW DATA FOR ONTARIO 1977

MOE
WRB
SWS
3-12

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BULLETIN 3-12
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STREAMFLOW
DATA FOR
ONTARIO
1977**

ISSN 0382-2915

MINISTRY OF THE ENVIRONMENT

Water Resources Branch

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INTRODUCTION

This bulletin contains streamflow data collected during 1977 by personnel of the Ministry of the Environment.

The basic data were collected and compiled by the Water Resources Assessment Units of the Ministry's Regional Offices at London, Stoney Creek, Don Mills, Kingston and Sudbury.

This publication was prepared by personnel of the Hydrology and Monitoring Section of the Water Resources Branch, Ministry of the Environment, Toronto.

Enquiries concerning the data in this bulletin should be made to the following:

Hydrology and Monitoring Section
Water Resources Branch
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5

Technical Support Section
London Regional Office
985 Adelaide Street South
London, Ontario N6E 1V3

Technical Support Section
Kingston Regional Office
133 Dalton Street
Kingston, Ontario K7L 4X6

Technical Support Section
Hamilton Regional Office
140 Centennial Parkway North
Stoney Creek, Ont. L8E 3H2

Technical Support Section
Toronto Regional Office
150 Ferrand Drive (Suite 700)
Don Mills, Ont. M3C 3C3

Technical Support Section
Sudbury Regional Office
469 Bouchard Street
Sudbury, Ontario P3E 2K8

Other Data Sources

Data collected by the Regional Offices on a daily basis throughout the year in Southern Ontario are not published in this bulletin. For convenience, these data are included in the Federal Government publication, "Surface Water Data - Ontario". That publication, which includes streamflow and water-level data for numerous rivers and lakes in the Province, is published annually by Water Survey of Canada. Enquiries should be made to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

DATA QUALITY

Many of the flows were determined by direct measurements; others are values calculated from a reading of water elevation and an empirically determined stage-discharge relationship. For stations where a stage-discharge relationship has been developed, the following terms are used to describe the quality of the records.

- Excellent: Records obtained at a site where an intensive discharge measurement program has produced a well-defined and stable stage-discharge relationship.
- Good: Records obtained from a site where an intensive discharge measurement program has produced a well-defined stage-discharge relationship which is not completely stable due to minor shifting of the stream bed or other channel properties which control water levels.
- Fair: Records obtained from a site where scarcity of discharge measurements has permitted only moderate definition of the stage-discharge relationship.
- Poor: Records obtained from a site where an unstable control, poor discharge measurement section or discharge measurements has resulted in a poorly defined stage - discharge relationship.

DEFINITION OF TERMS AND ABBREVIATIONS

"Cubic foot per second" (cfs) is the unit expressing the rate of streamflow discharge used in this bulletin.

"Acre-foot" (ac-ft) is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.

"WCP" Water Pollution Control Plant.

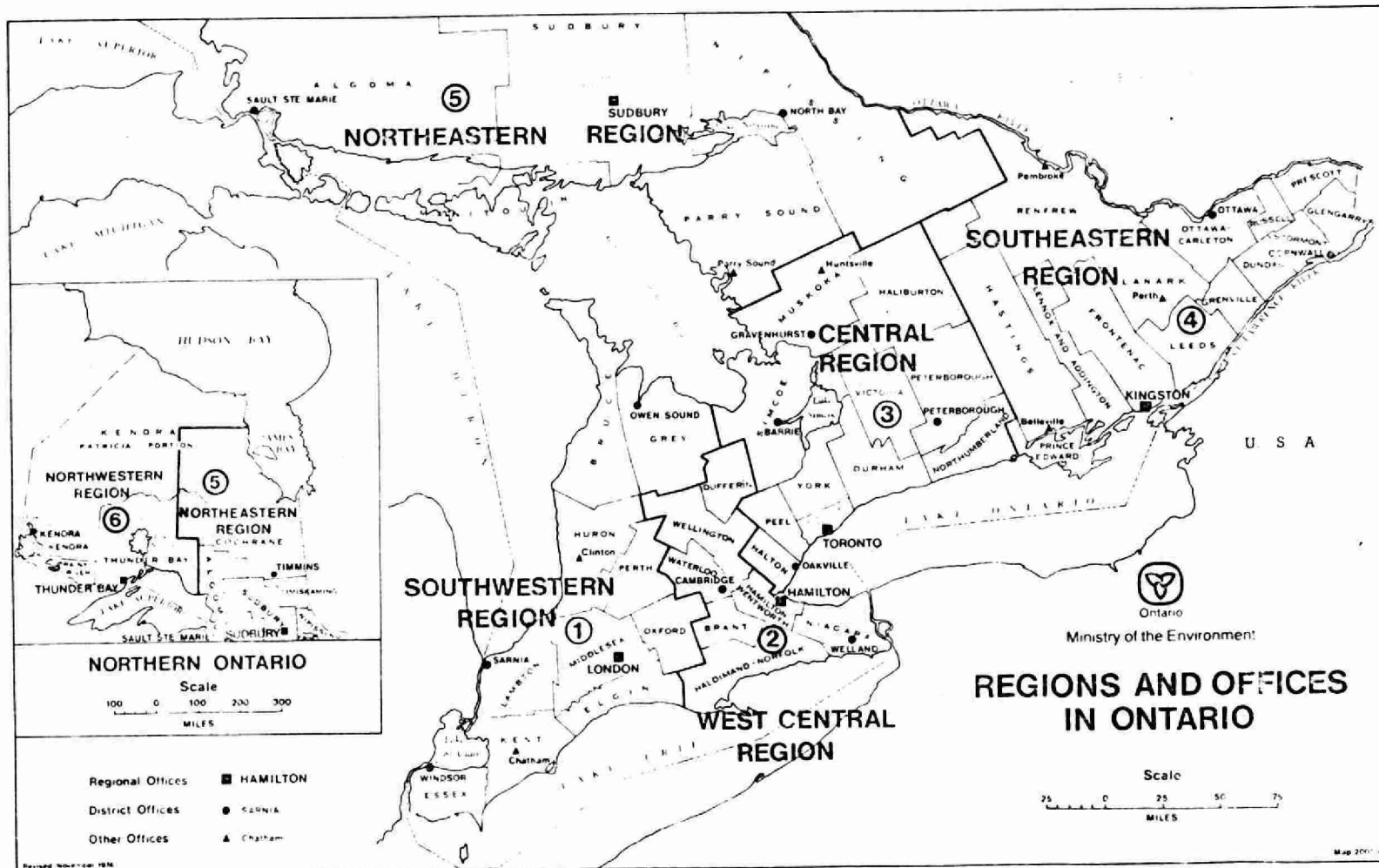
"No Flow" (N.F.) This notation indicates a field observation of either no streamflow, or a flow of less than 0.05 cfs.

1 cubic foot equals 6.232 Imperial gallons.

1 cubic foot per second equals 374 Imperial gallons per minute.

1 cubic foot per second for one day equals 1.984 acre-feet.

1 cubic foot per second equals 0.0283 cubic meters per second.



ALBERMARLE CREEK NEAR MAR

1

Station No. 02FA102

Location: At the culvert on Hwy. 6, about 0.7 mile
north of the Community of Mar

Gauge: None

Drainage Area: 10.8 square miles

Period of Record: May 1976 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 24	4.5	July 20	0.5		
		June 8	1.1	Aug. 17	1.6		
		June 28	0.5	Aug. 30	1.3		
				Sept.13	0.8		

AUSABLE RIVER BELOW EXETER

Station No. 02FF103

Location: At the bridge on Hwy. 83 about 0.8 mile west of the junction with Hwy. 4 in the Town of Exeter

Gauge: None

Drainage Area: 42 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 30	3.5	July 6	2.7		
		June 13	6.2	Aug. 10	3.6		
				Aug. 24	1.9		
				Sept. 7	0.5		

AUSABLE RIVER ABOVE EXETER

3

Station No. 02FF104

Location: Below the Morrison Lake dam, at the bridge
on Concession 2-3, Township of Usborne,
about 1 mile east of the Town of Exeter

Gauge: None

Drainage Area: 37 square miles

Period of Record: July 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 30	1.9	July 6	2.4		
		June 13	3.5	Aug. 10	2.4		
				Aug. 24	0.7		
				Sept. 7	2.6		

AUSABLE RIVER TRIBUTARY NEAR HENSALL

(Hensall Creek)

Station No. 02FF105

Location: At the bridge on Hwy. 4, about 1.1 miles south of the Village of Hensall

Gauge: None

Drainage Area: 6.1 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 11	114	May 23	0.9	July 4	<0.5	Nov. 21	26.3
		May 30	<0.5	July 6	<0.5	Dec. 2	33.5
		June 7	3.6	July 7	<0.5		
			<0.5	July 19	<0.5		
				Aug. 10	<0.5		
				Aug. 24	<0.5		
				Sept. 7	<0.5		
				Sept. 30	4.3		

Station No. 02FF106

Location: At the bridge on Stephen Township Side
Road 1, about 2 miles southeast of the
Police Village of Crediton

Gauge: None

Drainage Area: 186 square miles

Period of Record: July 1968 to December 1977

Remarks: Data prior to 1975 appears in the Summer
Gauging Site Data section of previous
bulletins in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 30	7.5	July 6	7.6		
		June 13	9.1	Aug. 10	9.0		
				Aug. 24	4.4		
				Sept. 7	1.3		

BAXTER CREEK AT HIGHWAY 28

Station No. 02HJ102

Location: At the bridge on Hwy. 28, about 1 mile south of the Hamlet of Fraserville

Gauge: Measuring Point

Drainage Area: 28.9 square miles

Period of Record: April 1971 to November 1977

Remarks: Records fair. Daily gauge reader employed May to November 26, 1977.

Daily Discharge in Cubic Feet Per Second

1977								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1	7.7	12.2	25.5	13.8	14.6	22.5	15.7	1
2	13.0	11.6	17.6	13.0	15.4	20.9	13.4	2
3	16.8	15.0	17.9	14.2	15.7	19.4	14.2	3
4	15.7	17.2	18.3	16.8	15.0	18.7	15.0	4
5	14.2	17.6	17.2	18.7	12.5	16.8	16.1	5
6	12.5	16.1	24.6	20.6	11.9	15.7	17.2	6
7	10.3	15.7	19.1	16.8	12.5	14.2	20.9	7
8	13.4	16.8	18.7	16.5	12.2	18.7	22.9	8
9	12.2	17.2	16.5	16.1	12.7	17.6	21.7	9
10	15.4	17.6	18.7	16.8	11.9	17.2	22.5	10
11	19.4	16.8	18.7	20.6	11.6	16.1	21.7	11
12	22.9	17.2	20.9	18.7	12.2	15.4	20.9	12
13	22.8	16.8	20.2	17.2	13.0	16.8	19.8	13
14	22.1	17.6	18.3	15.7	13.8	18.7	19.1	14
15	24.6	13.0	16.8	17.6	15.0	17.9	20.2	15
16	19.4	12.7	14.6	19.1	16.8	18.7	20.6	16
17	16.1	17.6	13.0	12.5	15.0	19.4	21.3	17
18	12.2	22.5	13.4	14.6	13.4	19.8	22.5	18
19	9.0	20.2	14.2	16.8	14.2	19.1	23.4	19
20	7.7	19.8	13.8	18.7	20.6	17.9	22.9	20
21	12.2	20.9	13.4	22.6	19.1	16.8	22.1	21
22	9.0	18.7	14.2	22.5	18.3	15.4	22.5	22
23	12.7	19.1	13.0	16.1	16.7	15.7	20.9	23
24	12.2	18.7	13.8	17.6	15.7	15.0	22.1	24
25	10.3	19.8	15.0	16.1	14.6	15.4	21.3	25
26	10.5	21.3	15.7	13.8	15.0	16.1	21.7	26
27	10.8	27.2	13.8	12.7	16.1	15.0	-	27
28	11.6	30.9	13.4	13.4	15.0	15.7	-	28
29	13.8	25.0	14.2	14.2	17.2	16.5	-	29
30	12.2	24.6	13.8	13.0	18.8	16.8	-	30
31	10.5		15.0	12.5		17.6		31

Station No. 02HJ104

Location: Upstream of township road bridge at Lot 10, Concession 4, Twp. of Caven, about 1 mile southeast of the Town of Millbrook

Gauge: Measuring Point

Drainage Area: 11.8 square miles

Period of Record: May to November 1977

Remarks: Records good, temporary onstream recorder installed May 14 to November 30, 1977

Daily Discharge in Cubic Feet Per Second

1977								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		12.3	11.0	13.1	10.2	22.1	10.7	1
2		10.7	10.4	10.3	11.8	14.8	10.6	2
3		10.0	10.0	10.0	10.5	13.3	10.6	3
4		9.7	9.9	9.9	10.1	11.9	10.6	4
5		9.7	9.6	12.3	10.1	11.3	10.4	5
6		9.6	10.8	12.7	9.9	11.3	10.8	6
7		9.4E	10.6	10.5	10.1	11.0	22.1	7
8		9.9E	10.6	10.1	10.1	19.0	25.3	8
9		10.1E	10.2	10.1	9.9	24.4	12.1	9
10		10.0E	10.1	11.5	10.2	14.0	21.7	10
11	-	10.1E	10.1	11.8	9.8	13.0	15.4	11
12	-	9.8E	10.4	10.4	9.8	12.8	13.3	12
13	-	10.1E	10.2	9.8	12.0	12.1	12.6	13
14	10.4	9.4E	10.1	10.0	12.5	11.7	12.2	14
15	10.4	9.2E	10.3	9.6	9.9	11.4	12.7	15
16	10.4	10.2E	10.3	30.0	15.4	12.5	17.2	16
17	10.8	10.5	10.2	17.6	12.7	11.3	23.9	17
18	11.6	12.3	10.2	10.6	11.0	11.1	16.9	18
19	10.8	10.4	10.5	10.2	11.0	11.3	15.6	19
20	10.3	9.7	10.2	10.6	14.8	11.3	13.8	20
21	10.1	9.6	10.0	10.5	12.3	11.4	15.3	21
22	9.9	9.4	10.0	15.4	11.4	11.2	13.3	22
23	10.0	10.3E	10.0	10.9	11.2	11.1	14.5	23
24	10.0	12.0E	10.0	13.1	11.0	11.1	17.2	24
25	10.0	13.2	10.2	10.9	21.2	11.1	14.9	25
26	9.7	10.2	10.0	10.5	17.3	11.0	18.4	26
27	9.5	9.4	10.0	10.4	12.8	11.0	11.1	27
28	9.9	9.3	10.1	10.2	11.8	11.0	11.6	28
29	9.7	13.6	10.1	9.8	11.5	11.0	12.7	29
30	9.4	10.6	10.6	9.8	11.3	10.9	13.0	30
31	9.3		12.3	9.9		10.8		31

BEAR CREEK NEAR WARWICK

Station No. 02GG103

Location: At the conservation area downstream of
the Community of Warwick

Gauge: None

Drainage Area: 34 square miles

Period of Record: May 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 11	10.2		
				July 18	3.0		
				Aug. 23	0.5		
				Sept. 6	0.7		

BEATTY SAUGEEN RIVER NEAR HANOVER

9

Station No. 02FC109

Location: At the bridge on Side Road 5, Township of Bentinck, about 2 miles southeast of the Town of Hanover

Gauge: Measuring Point

Drainage Area: 93 square miles

Period of Record: May 1968 to December 1977

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	5.0	July 20	37.4	Nov. 3	90.0
		June 8	51.1	Aug. 30	78.2		
		June 28	39.6	Sept.14	72.0		

Location: At the first township road bridge about .4 mile upstream of the confluence with Kettle Creek, about 4 miles north of the Village of Port Stanley.

Drainage Area: 8.8 square miles

Period of Record: May 1978 to September 1978

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 10	6.2	July 5	3.4		
		June 20	4.2	Aug. 12	23.5		
				Sept.15	6.2		

Station No. 02HB106

Location: At the bridge on Concession 4, Township
of Esquesing about 1.5 miles southeast of
the Town of Acton
Gauge: On-stream recorder
Drainage Area: 10.0 square miles
Period of Record: April 1966 to November 30, 1977
Remarks: Temporary on-stream recorder installed June 1 to
November 30, 1977. Discharge affected by regulation

Daily Discharge in Cubic Feet Per Second

1977								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		6.3	4.6	6.3	6.3	19.9	7.4	1
2		6.4	3.9	4.6	6.4	31.4	7.5	2
3		5.5	3.8	4.8	6.0	24.7	7.7	3
4		5.0	4.0	4.9	5.7	15.4	7.9	4
5		4.8	4.3	6.3	5.4	8.1	8.0	5
6		6.3	6.4	12.3	5.5	8.6	7.7	6
7		6.3	7.1	6.0	5.6	8.7	12.0	7
8		5.8	7.2	8.3	5.4	11.9	30.9	8
9		5.4	6.2	8.6	5.5	29.3	33.6	9
10		5.1	5.3	8.5	6.0	30.5	27.5	10
11		4.5	5.3	7.3	4.9	23.4	26.7	11
12		4.0	5.5	6.4	4.7	19.7	21.7	12
13		4.2	5.1	5.6	8.1	16.3	17.0	13
14		4.3	4.6	5.9	7.8	14.5	14.0	14
15		4.3	4.6	5.5	6.4	13.2	14.2	15
16		4.3	4.9	7.3	8.5	14.4	15.2	16
17		5.2	4.4	10.6	8.8	12.6	10.1	17
18		8.0	4.3	8.0	9.9	11.0	11.7	18
19		5.0	4.4	6.6	10.1	11.3	13.3	19
20		4.4	4.3	5.9	11.2	10.8	13.6	20
21		4.3	3.9	5.7	10.8	10.4	16.7	21
22		4.2	3.8	12.9	9.7	9.8	15.6	22
23		4.0	3.8	8.7	9.0	9.1	14.5	23
24		4.0	3.9	9.0	18.8	8.8	17.9	24
25		6.7	4.0	7.7	49.7	7.3	16.4	25
26		4.9	3.8	7.0	49.4	6.9	15.4	26
27		4.7	3.5	6.6	43.4	7.7	12.4	27
28		5.6	3.4	6.2	28.5	6.8	11.9	28
29		7.8	3.7	6.2	20.4	6.3	11.0	29
30		5.6	4.0	6.5	15.0	6.5	10.9	30
31			5.4	6.0		7.0		31

BLACK CREEK NEAR OIL SPRINGS

Station No. 02GG101

Location: At the bridge on Enniskillen Twp. Road 12,
about 1.1 miles west of the Village of
Oil Springs

Gauge: None

Drainage Area: 32 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 11	3.6		
				July 18	0.2		
				Aug. 23	Nil		
				Sept. 6	Nil		

13

Location: At the bridge on Side Road 39-40,
Township of East Wawanosh, about 1.5 miles
northwest of the Village of Blyth

Drainage Area: 19.5 square miles

Period of Record: July 1975 to December 1977

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	2.8	Aug. 11	14.6	Nov. 1	11.7
		June 14	2.8	Sept. 8	9.1		

BOYNE RIVER AT FLESHERTON

Station No. 02FB103

Location: At the bridge on Hwy. 10 in the Village of Flesherton

Gauge: On-stream recorder

Drainage Area: 9.9 square miles

Period of Record: June 1975 to November 1977

Remarks: Temporary on-stream recorder and weir installed June 23 to November 15, 1977.

Daily Discharge in Cubic Feet Per Second

1977								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			6.3	4.2	6.8		6.4	1
2			5.9	4.2	7.1		6.2	2
3			6.1	3.6	6.6		6.8	3
4			6.2	3.7	6.2		6.4	4
5			5.7	5.1	6.3		6.1	5
6			-	6.4	5.5		6.4	6
7			9.5	5.1	5.7		6.5	7
8			9.7	5.4	5.7		6.9	8
9			8.0	5.4	5.5		6.6	9
10			6.5	7.3	5.5		8.5	10
11			5.8	5.8	5.4	-	9.6	11
12			6.4	5.4	5.4	-	10.3	12
13			6.1	5.2	5.6	-	10.0	13
14			5.2	-	5.4	-	9.9	14
15			5.2	-	5.1	10.4	10.1	15
16			5.0	-	5.6	-		16
17			5.2	-	5.6	-		17
18			5.0	-	5.5	-		18
19			7.0	8.5	5.2	11.1		19
20			6.3	10.0	5.8	10.7		20
21		-	5.5	8.3	5.9	10.3		21
22		-	5.0	9.2	5.8	9.9		22
23		4.5	4.5	6.8	5.5	9.7		23
24		4.5	4.5	6.9	5.6	9.1		24
25		7.1	4.6	6.6	8.8	8.7		25
26		5.7	3.9	6.1	10.0	7.8		26
27		5.6	3.7	5.8	10.4	7.3		27
28		4.8	3.6	5.6	10.5	7.0		28
29		5.9	3.8	5.7	10.7	6.9		29
30		6.3	3.7	5.6	11.4	7.0		30
31			3.9	5.9		6.6		31

15

Station No. 02HD100

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	3.5	July 21	0.9		
		June 8	2.7				
		June 22	3.0				

CATFISH CREEK AT GLENCOLIN

Station No. 02GC112

Location: At the bridge on Elgin County Road 30
in the Community of Glencolin

Gauge: None

Drainage Area: 33 square miles

Period of Record: July 76 to November 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 10	12.3	July 5	2.5	Oct. 21	16.6
				Aug. 18	3.2		
				Aug. 26	2.2		

17

Location: At the bridge on Hwy. 3, about 0.5 mile east of the Community of Orwell

Drainage Area: 52 square miles

Period of Record: May 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 10	37.5	July 5	5.2	Oct. 21	26.3
		June 20	5.9	Aug. 18	5.1		

Station No. 02HD103

Location: At the bridge adjacent to the WPCP in the Town of Cobourg

Gauge: Wire Weight

Drainage Area: 48.7 square miles

Period of Record: July 1966 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 30	126	May 17	30.4	July 20	18.3		
		June 8	22.7				
		June 21	27.4				

19

Location: At the bridge in the Hamlet of Lakeport on the road leading to the Village of Colborne

Drainage Area: 17.0 square miles

Remarks : Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 30	44.0	May 17	12.4	July 21	4.9		
		June 8	6.9				
		June 22	6.6				

DRAG RIVER AT HALIBURTON

Station No. 02HF100

Location: At the railway bridge in the Community
of Haliburton just west of Hwy. 519

Gauge: Staff

Period of Record: May to September 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 25	78.9	July 7	31.0		
		May 26	80.5	July 8	32.8		
		June 2	72.9	July 14	28.3		
		June 3	70.7	July 15	27.2		
		June 16	37.1	Aug. 4	39.8		
		June 17	42.4	Aug. 11	33.9		
		June 23	24.5	Aug. 12	34.9		
		June 24	23.4	Aug. 17	37.6		
		June 29	60.2	Aug. 18	36.4		
		June 30	41.2	Sept. 7	43.0		

Station No. 02HA100

Location: At the bridge on the Queen Elizabeth
Way, above the WPCP in the Town of
Grimsby

Gauge: Staff

Drainage Area: 22.1 square miles

Period of Record: September 1966 to December 1975
April to August 1977

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 26	46.9	July 26	1.2		
		May 11	2.0	Aug. 15	0.5		
		June 3	3.2				
		June 22	1.9				

FOX CREEK NEAR OIL CITY

Station No. 02GG102

Location: At the bridge on Side Road 12,
Township of Enniskillen, about 1 mile
southwest of the Community of Oil City

Gauge: None

Drainage Area: 20.7 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 11	<0.5		
				July 18	<0.5		
				Aug. 23	<0.5		
				Sept. 6	<0.5		

23

Location: At the bridge on Hwy. 2 about 1 mile east of the Town of Port Hope

Drainage Area: 16.7 square miles

Period of Record: August 1966 to December 1977

Remarks : Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 30	29.5	May 17	2.5	July 20	0.6		
		June 8	1.9				
		June 21	3.7				

GANATESKIAGON RIVER

Station No. 02HC117

Location: At the first bridge on Durham Regional Road
Number 4 west of Brock Road about 2.5 miles
north of the Town of Pickering

Gauge: Staff

Drainage Area: 3.5 square miles

Period of Records: January to December 1977

Daily Discharge in Cubic Feet Per Second

1977													
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1	-	.8	1.6	2.2	-	1.5	-	-	0.9	-	1.4	-	1
2	-	.9	1.5	-	2.2	1.3	-	1.0	1.2	-	-	19.5	2
3	-	-	1.5	-	2.1	1.2	-	1.0	-	4.5	-	-	3
4	0.9	-	2.1	7.2	1.8	-	1.0	0.9	-	1.4	1.6	-	4
5	0.9	-	36.5	17.8	1.7	1.3	1.0	1.3	-	2.1	-	8.3	5
6	0.9	-	10.8	4.9	2.2	1.2	1.3	-	0.9	2.1	-	7.4	6
7	0.9	-	10.8	6.1	-	1.2	1.2	-	0.9	2.1	2.2	7.4	7
8	0.9	-	13.6	-	-	1.2	1.2	1.0	1.0	-	34.6	7.4	8
9	0.9	0.8	71.0	-	2.1	1.1	-	1.0	0.9	20.4	16.6	7.7	9
10	-	-	43.5	-	2.1	1.1	-	1.0	-	6.2	20.4	-	10
11	0.9	0.9	-	-	2.1	-	1.0	1.0	-	4.0	-	-	11
12	-	-	-	2.1	1.8	-	1.0	0.9	-	3.0	-	8.9	12
13	-	1.1	53.7	2.2	1.5	1.1	0.9	-	0.9	3.0	-	8.9	13
14	0.8	1.3	32.0	2.9	-	1.1	0.9	-	1.0	2.2	-	21.8	14
15	-	1.2	7.4	2.8	-	1.1	1.0	1.0	1.0	-	2.7	-	15
16	-	1.2	4.9	-	1.5	1.0	-	1.0	1.2	-	3.0	-	16
17	0.8	1.1	1.5	-	1.5	1.2	-	1.0	-	-	18.7	-	17
18	-	-	1.5	-	1.4	-	1.0	1.0	-	2.2	14.6	-	18
19	-	-	-	1.5	1.4	-	1.0	0.9	-	2.2	-	14.2	19
20	0.8	-	-	1.5	1.4	1.1	1.0	-	0.9	2.1	-	9.3	20
21	0.8	-	2.2	1.5	-	1.2	1.0	-	1.2	2.1	-	18.3	21
22	-	0.9	2.1	4.3	-	1.0	1.0	1.0	0.9	-	8.0	14.2	22
23	-	0.9	2.2	9.5	-	1.0	-	0.9	1.0	-	3.0	12.6	23
24	0.8	0.9	-	-	1.3	1.0	-	1.1	-	1.8	14.4	-	24
25	0.8	1.0	1.1	5.2	1.3	-	0.9	1.0	3.1	1.8	13.4	-	25
26	0.8	1.5	-	3.0	1.3	-	0.9	1.0	7.4	1.8	-	-	26
27	0.8	1.5	1.5	1.5	1.3	0.9	0.9	-	-	1.6	-	-	27
28	0.8	1.5	2.2	1.5	-	1.0	0.9	-	1.5	1.5	14.6	8.0	28
29	-	-	6.1	1.3	-	1.5	0.9	0.9	1.4	-	15.0	8.0	29
30	-	-	6.0	-	1.2	1.1	-	0.9	1.2	-	-	-	30
31	-	-	-	-	1.1	-	-	0.9	-	1.4	-	-	31

25

Location: At the concrete bridge on Mill Street
about 0.5 mile south of Hwy. 401 in the
Village of Newcastle

Drainage Area: 33.3 square miles

Period of Record: November 1965 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 29	118	May 16	8.0	July 20	3.2		
		June 21	8.0				

HAGGERTY CREEK AT NEWBURY STATION

Station No. 02GG100

Location: At the bridge on Middlesex County Road
1 at Newbury Station about 1.5 miles
northwest of the Village of Newbury

Gauge: None

Drainage Area: 3.3 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 11	1.1		
				July 18	2.2		
				Aug. 23	0.1		
				Sept. 6	0.1		

Location: At the bridge on Bloor Street East
in the City of Oshawa

Drainage Area: 14.8 square miles

Period of Record: April 1967 to December 1974
March to June 1977

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 29	32.1	June 8	2.6				
		June 20	0.6				
		June 21	5.0				

Station No. 02GC111

Location: At the road bridge 1.5 miles north of
the Village of Port Stanley

Gauge: None

Drainage Area: 151 square miles

Period of Record: July 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 20	16.0	July 5	14.4		
				Aug. 12	47.6		
				Aug. 26	19.4		
				Sept.15	24.7		

Station No. 02EC115

Location: At the culvert on Tollendale Road in
the Community of Minet Point

Gauge: Measuring Point

Drainage Area: 23.6 square miles

Period of Record: May 1968 to December 1977

Remarks: Data prior to 1976 appears under the name
"Painswick Creek" in the Summer Gauging Site
Data section of previous bulletins in this
series.

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 26	16.2	May 17	6.7	July 26	4.0	Nov. 3	11.2
		June 21	5.2	Aug. 30	6.3		

Station No. 02FD102

Location: At the bridge on Huron County Road 27,
about 1.5 miles below the Hamlet of Lucknow

<u>Gauge:</u>	Measuring Point
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Drainage Area: 48.7 square miles

Period of Record: January 1969 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	18.3	Aug. 11	48.6	Nov. 2	48.7
		June 14	16.9	Aug. 25	60.3		
				Sept. 8	35.0		

Location: At the old dam site upstream of Silver Lake
in the community of Port Dover

Period of Record: April 1965 to December 1975
April to November 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 28	116	July 12	38.4	Oct. 27	61.4
		May 9	68.3	Aug. 8	39.6		
		June 14	44.7				

MIDDLE MAITLAND RIVER AT BRUSSELS

Station No. '02FE103

Location: At the bridge on Huron County Road 12,
in the Village of Brussels

Gauge: None

Drainage Area: 220 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	7.6	Aug. 11	48.4	Nov. 2	64.9
		June 14	10.9	Aug. 25	65.3		
				Sept. 8	25.3		

Station No. 02EC104

Location: At the bridge on Queensville Side Road, about 2.5 miles north of the Community of Mount Albert

Gauge: On-stream recorder

Drainage Area: 24.3 square miles

Period of Record: July 1970 to December 1977

Remarks: Records fair. Temporary on-stream recorder installed April 1 to November 30, 1977

Daily Discharge in Cubic Feet Per Second

1977									
Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1	23.3	14.0	11.6	9.7	9.8	12.9	25.3	13.6	1
2	20.7	15.5	11.1	9.0	10.6	15.0	48.5	13.2	2
3	24.9	15.2	10.7	8.3	10.1	17.9	36.4	13.2	3
4	21.4	14.1	10.3	8.2	9.6	16.0	24.2	14.2	4
5	22.9	13.6	9.5	8.2	15.7	14.1	18.5	14.6	5
6	20.5	13.5	9.2	9.1	20.4	13.4	16.7	13.9	6
7	17.2	12.9	8.8	10.7	16.5	12.4	15.7	15.1	7
8	16.5	12.6	8.9	11.6	13.3	12.5	14.5	28.2	8
9	15.9	12.6	8.1	11.5	13.2	12.7	43.1	21.7	9
10	16.4	12.3	7.8	11.5	14.2	12.3	47.0	22.6	10
11	17.4	12.3	7.2	11.0	19.1	13.5	29.8	34.6	11
12	17.9	12.0	7.6	10.1	13.8	13.4	22.6	24.2	12
13	18.7	11.9	7.8	9.4	11.7	-	19.4	18.4	13
14	19.0	11.6	7.8	9.9	12.3	-	17.6	16.2	14
15	17.2	11.9	7.5	9.1	12.2	-	16.8	15.8	15
16	16.3	11.0	7.5	9.5	19.2		21.2	18.0	16
17	16.1	10.8	8.1	10.3	102.0		19.8	22.1	17
18	15.7	10.8	8.1	11.8	73.2		17.9	23.2	18
19	15.7	11.7	9.9	11.0	33.2		19.9	23.9	19
20	15.9	11.2	10.2	10.3	20.0		18.1	19.4	20
21	16.4	10.5	12.7	10.0	16.2		17.4	19.9	21
22	18.1	10.2	10.0	9.9	21.4		16.7	18.4	22
23	21.2	9.9	9.1	10.0	19.2		15.6	17.1	23
24	19.1	11.3	8.5	10.0	18.8		15.9	22.9	24
25	18.8	17.9	10.2	10.1	18.7		15.8	20.4	25
26	17.8	12.6	9.7	10.1	15.9	-	16.0	22.7	26
27	16.5	10.8	8.9	10.2	14.2	-	14.8	19.9	27
28	16.2	10.0	8.5	9.7	13.8	-	14.2	19.7	28
29	14.9	9.3	10.1	10.9	13.3	-	13.8	19.6	29
30	14.2	8.9	10.1	8.9	13.3	15.9	13.7	19.6	30
31		9.3		9.1	13.4		13.4		31

NANTICOKE CREEK NEAR JARVIS

Station No. 02GG113

Location: At the bridge on Haldimand-Norfolk
Regional Road 69, about 1 mile west of the
Community of Jarvis.

Gauge: Measuring Point

Drainage Area: 57.8 square miles

Period of Record: May to July 1977

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 6	21.3	July 13	8.1		
		May 9	19.8				
		May 30	5.7				
		June 1	4.8				
		June 2	16.2				
		June 3	13.4				
		June 6	12.2				
		June 7	14.0				
		June 28	5.0				

Station No. 02FC108

Location: At the Otter Creek Conservaion Area
in the Village of Mildmay

Gauge: None

Drainage Area: 14.8 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	28.1	July 19	8.6		
		June 7	11.5	Aug. 31	9.5		
		June 27	9.8	Sept.14	11.9		

Station No. 02EB115

Location: About 300 yards north off the side of Hwy. 60 approximately 3.1 miles east of the junction of Hwy. 60 and Muskoka Road 3 near the Town of Huntsville

Gauge: Staff

Drainage Area: 1 square mile

Period of Record: October to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
						Oct.28	0.10
						Oct.31	0.32
						Nov. 1	0.28
						Nov. 2	0.39
						Nov. 3	0.94
						Nov. 4	2.3
						Nov. 7	1.4
						Nov. 9	2.5
						Nov.10	2.5
						Nov.14	1.1
						Nov.16	2.1
						Nov.24	2.0
						Nov.30	1.3
						Dec.12	1.5

Station No. 02HD108

Location: At the old steel bridge below Victoria Street East, in the Town of Whitby

Gauge: Staff

Drainage Area: 8.3 square miles

Period of Record: July 1966 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 29	29.6	May 16	7.8				
		June 8	5.3				
		June 20	5.2				
		June 21	6.1				

39

Location: At the bridge on Barton Street in the
City of Hamilton

Drainage Area: 20.4 square miles

Period of Record: May 1968 to December 1977

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 2	4.1	July 11	22.4		
		June 12	2.5	Aug. 9	8.3		
				Aug. 25	2.5		

ROCKY SAUGEE RIVER BELOW MARKDALE

Station No. 02FC100

Location: At the culvert on Side Road 100, Township of Glenelg, about 0.3 miles southwest of the Village of Markdale.

Gauge: Staff

Drainage Area: 35.6 square miles

Period of Record: July 1967 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 25	56.1	July 21	34.7	Nov. 4	64.9
		June 9	42.7	Aug. 29	41.2		
				Sept. 12	34.9		

Station No. 02GK101

Location: About 200 feet upstream from the bridge on Blyth Road, approximately 1.5 miles southeast of the Village of Colborne

Gauge: Staff

Drainage Area: 3.5 square miles

Period of Record: November 1965 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	5.8	July 21	3.6		
		June 22	4.8				

SAUBLE RIVER NEAR ALLENFORD

Station No. 02FA100

Location: At the side of Hwy. 21, about 0.3 miles west of the Police Village of Allenford

Gauge: Measuring Point

Drainage Area: 113 square miles

Period of Record: May 1968 to December 1977

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 24	28.0	July 20	15.7	Nov. 3	59.6
		June 7	23.0	Aug. 17	38.5		
		June 28	16.5	Aug. 30	24.0		
				Sept. 13	20.0		

Station No.02FA101

Location: At the bridge on the Main Street in the Village of Tara

Gauge: None

Drainage Area: 81 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 24	22.3	July 20	13.7	Nov. 3	41.7
		June 8	19.4	Aug. 17	24.7		
		June 28	15.0	Aug. 30	17.8		
				Sept.13	16.4		

SAUGEEN RIVER NEAR PRICEVILLE

Station No. 02FC110

Location: At the bridge on Concession 2, Township of Glenelg, about 1.5 miles southeast of the Police Village of Priceville

Gauge: Measuring Point

Drainage Area: 89 square miles

Period of Record: May 1968 to December 1977

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 25	9.5	July 21	7.4		
		June 9	5.5	Aug. 29	43.0		
		June 29	10.2	Sept. 12	22.2		

SHARPES CREEK NEAR BENMILLER

45

Station No. 02FE104

Location: At the bridge on Concession 5-6, Township of Colborne, about 2 miles north of the Community of Benmiller

Gauge: None

Drainage Area: 19.9 square miles

Period of Record: July 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	5.2	July 6	4.8	Nov. 1	15.2
		June 13	5.3	Aug. 10	10.2		

SOUTH PINE RIVER NEAR RIPLEY

Station No. 02FD106

Location: At the bridge on Concession 5-6, Township of Huron, about one mile southwest of the Village of Ripley

Gauge: None

Drainage Area: 11.8 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	0.3	July 7	<0.5	Nov. 2	3.5
		June 14	<0.5	Aug. 11	<0.5		
				Aug. 25	5.9		
				Sept. 8	1.8		

Station No. 02FC111

Location: At the bridge on Side Road 1, Township of Arthur, about 0.6 mile southwest of the Town of Mount Forest

Gauge: Measuring Point

Drainage Area: 140 square miles

Period of Record: May 1968 to December 1977

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 25	19.0	July 21	16.4	Nov. 3	58.8
		June 9	15.6	Sept.12	33.5		

Location: At the bridge on Grey County Road 16
about 0.5 miles east of the Village of
Neustadt

Gauge: None

Drainage Area: 238 square miles

Period of Record: July to December 1975
May to November 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 25	60.4	July 21	47.4	Nov. 3	157
		June 9	50.1	Sept.12	78.3		

Station No. 02GD105

Location: At the bridge on Concession 6, Township of Blandford, about 0.5 mile southeast of the Police Village of Innerkip

Gauge: Measuring Point

Drainage Area: 62.0 square miles

Period of Record: June 1972 to December 1977

Remarks: Records good

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 11	21.9	July 4	11.6		
		June 1	7.7	Aug. 9	6.3		
				Aug. 19	12.1		
				Aug. 26	9.9		

SPEY RIVER NEAR CHATSWORTH

Station No. 02FB104

Location: At the culvert on Hwys. 6 and 10, about
0.7 mile north of the Village of Chatsworth

Gauge: None

Drainage Area: 15.3 square miles

Period of Record: May 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	7.7	July 20	4.8	Nov. 4	31.5
		June 8	6.9	Aug. 30	12.0		
		June 28	4.6	Sept. 13	6.1		

Station No. 02GG104

Location: At the bridge on Middlesex County Road 2,
about 1 mile west of the Hamlet of Cairngorm

Gauge: None

Drainage Area: 37 square miles

Period of Record: July 1968 to December 1977

Remarks: Data prior to 1975 appears in the Summer
Gauging Site Data section of previous bulletins
in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 11	8.6	Oct. 3	22.2
				July 18	7.0		
				Aug. 23	5.2		
				Sept. 6	4.6		

TEESWATER RIVER AT TEESWATER

Station No. 02FC104

Location: At the bridge on Hwy. 4 in the Village of Teeswater

Gauge: None

Drainage Area: 50 square miles

Period of Record: June 1975 to December 1977

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	28.3	July 19	10.2	Nov. 2	42.2
		June 7	25.9	Aug. 31	28.7		
		June 27	28.4	Sept. 14	28.9		

Station No. 02FC105

Location: At the bridge on Hwy. 9 about 0.1 mile
east of the Community of Riversdale

Gauge: None

Drainage Area: 157 square miles

Period of Record: June 1968 to December 1975
May to November 1977

Remarks: Data prior to 1975 appears in the Summer
Gauging Site Data section of previous bulletins
in this series

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	75.5	July 19	42.8	Nov. 2	149
		June 7	80.4	Aug. 31	93.4		
		June 27	50.2	Sept. 14	71.9		

THAMES RIVER TRIBUTARY NEAR DORCHESTER

Station No. 02GD108

Location: At the bridge on Middlesex County Road 32, about
1 miles south of the Police Village of Dorchester

Gauge: On-stream recorder

Drainage Area: 7.1 square miles

Period of Record: July 76 to November 1977

Remarks: Temporary on-stream recorder installed
June 25 to November 9 1977

Daily Discharge in Cubic Feet Per Second

1977								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			1.0	0.5	0.8	-	4.0	1
2			0.6	0.4	0.8	-	4.1	2
3			0.6	0.4	1.4	-	4.4	3
4			0.8	0.2	1.0	-	4.8	4
5			0.8	0.4	0.9	7.6	4.5	5
6			0.8	0.5	0.8	6.1	4.2	6
7			2.6	0.6	0.7	6.1	5.9	7
8			2.4	0.9	0.7	-	7.1	8
9			1.5	0.8	0.7	-	0.8	9
10			1.9	1.2	0.7	-	-	10
11			1.5	1.2	0.6	-		11
12			1.2	1.2	0.6	-		12
13			0.9	0.9	1.6	-		13
14			0.8	0.8	-	-		14
15			1.3	0.8	2.2	7.8		15
16			4.4	1.2	3.8	7.1		16
17			2.1	1.6	4.1	6.6		17
18			1.5	0.9	-	5.7		18
19			1.5	0.8	-	5.9		19
20			1.4	0.7	-	5.7		20
21			1.1	0.9	-	5.4		21
22			1.0	1.0	-	5.4		22
23			0.8	0.9	6.5	5.4		23
24			0.8	1.0	-	4.9		24
25		0.5	-	0.8	-	4.8		25
26		0.5	-	0.8		4.6		26
27		0.4	-	0.7		4.6		27
28		0.5	-	0.6		4.8		28
29		1.2	0.5	0.8		4.5		29
30		0.9	0.3	0.8		4.4		30
31			0.5	0.8		4.1		31

Location: At the bridge on 1st Street Louth, in
the Community of Denew Falls

Period of Record: May 1969 to December 1975
April to August 1977

Remarks : Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 26	26.3	July 26	5.4		
		May 11	7.2	Aug. 30	6.2		
		June 3	5.8				
		June 22					

Location: At the bridge on Canborough Street in
the Community of Smithville

Drainage Area: 69.5 square miles

Remarks: Records fair

1977							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 26	164	July 26	0.8		
		May 11	2.4	Aug. 30	<0.10		
		June 3	1.9				
		June 22	0.46				

Station No. 02HC116

Location: At the first bridge east of Brock Road on
Durham Regional Road Number 4 about 2.5
miles north of the Town of Pickering

Gauge: Staff

Drainage Area: 4.1 square miles

Period of Record: January to December 1977

Remarks: Records good

Daily Discharge in Cubic Feet Per Second

1977													
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1	-	0.3	3.1	3.0	-	1.2	-	-	1.0	-	1.4	-	1
2	-	0.3	-	-	2.7	0.7	-	1.2	1.2	-	-	7.2	2
3	-	-	-	-	2.6	0.4	-	1.2	-	5.7	-	-	3
4	0.5	-	2.8	4.6	2.2	-	1.0	0.7	-	3.0	1.3	-	4
5	0.5	-	45.0	17.7	1.5	-	0.7	1.6	-	2.2	-	2.7	5
6	0.5	-	-	4.5	1.4	0.4	8.0	-	1.2	2.0	-	9.5	6
7	0.5	-	10.5	3.0	-	0.4	3.5	-	1.0	1.8	1.4	5.1	7
8	-	-	16.3	-	-	0.4	4.5	1.6	1.0	-	19.2	2.6	8
9	-	0.2	66.5	-	1.2	0.2	-	1.7	0.9	32.5	5.4	2.6	9
10	-	1.5	23.3	-	1.1	0.2	-	2.2	-	6.9	6.5	-	10
11	0.5	1.5	-	-	1.1	-	1.2	2.6	-	3.1	-	-	11
12	-	-	-	2.4	1.1	-	2.0	1.6	0.9	3.0	-	4.2	12
13	0.4	1.6	72.5	2.4	1.0	0.2	1.4	-	2.2	2.6	-	5.1	13
14	0.4	2.5	31.0	2.3	-	0.2	1.0	-	2.6	-	-	32.5	14
15	0.4	2.3	8.9	2.3	-	0.2	1.4	1.4	-	-	2.5	-	15
16	-	1.7	6.7	-	1.0	0.2	-	1.6	2.2	2.0	2.6	-	16
17	0.4	-	4.6	-	1.0	0.4	-	2.6	-	1.8	7.7	-	17
18	-	-	4.6	-	1.0	-	2.0	1.2	-	1.7	5.4	-	18
19	-	-	-	2.4	1.0	-	1.4	1.0	2.3	1.8	-	10.2	19
20	0.4	-	-	2.4	1.0	0.2	0.8	-	2.7	-	-	9.5	20
21	0.4	-	3.1	2.4	-	0.4	0.7	4.5	3.9	-	-	10.2	21
22	-	1.4	-	4.6	-	0.7	0.7	2.2	2.3	-	2.6	5.1	22
23	-	1.3	-	6.9	-	0.7	-	2.8	-	-	2.2	3.5	23
24	0.4	1.2	-	-	0.5	0.7	-	2.8	-	1.6	5.8	-	24
25	-	1.4	-	5.3	0.5	-	0.7	2.2	12.6	1.5	5.1	-	25
26	0.4	-	-	4.6	0.5	-	0.6	-	12.7	1.5	-	-	26
27	0.4	1.4	3.0	1.8	0.4	0.6	0.6	1.0	-	1.5	-	-	27
28	-	-	4.6	1.8	-	0.7	0.6	1.0	3.1	1.5	5.9	7.7	28
29	-	-	12.2	1.7	-	5.4	0.6	1.0	2.2	-	6.1	7.7	29
30	-	-	-	-	0.4	2.2	-	1.0	1.6	-	-	-	30
31	-	-	5.2	-	0.4	-	-	-	-	1.4	-	-	31

Station No. 02HC120

Location: At the bridge .25 miles east of Brock Road on
Durham Regional Road Number 3 about 1 mile north
of the Town of Pickering

Gauge: Staff

Drainage Area: 5.3 square miles

Period of Record: January to December 1977

Remarks: Records good

Daily Discharge in Cubic Feet Per Second

1977													
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1	-	2.2	3.1	8.1	-	2.2	-	-	1.0	-	2.3	-	1
2	-	2.2	3.1	-	3.3	1.5	-	1.0	1.2	-	-	16.2	2
3	-	-	3.6	-	2.9	0.9	-	0.9	-	6.6	-	-	3
4	2.5	-	3.6	7.0	2.9	-	0.8	0.7	-	3.1	2.3	-	4
5	2.5	-	124.0	31.2	2.5	-	0.7	1.2	-	2.6	-	5.0	5
6	2.5	-	-	7.0	2.4	0.9	6.4	-	1.0	2.6	-	14.2	6
7	2.5	-	84.0	5.0	-	0.9	2.3	-	1.0	2.5	2.4	7.0	7
8	-	-	104.0	-	-	0.9	3.0	1.2	1.0	-	36.5	8.3	8
9	-	2.2	135.0	-	2.2	0.8	-	1.3	0.9	50.0	10.4	8.6	9
10	-	-	111.0	-	2.1	0.7	-	1.4	-	8.1	16.2	-	10
11	2.5	2.4	123.0	-	2.1	-	0.8	1.8	-	4.8	-	-	11
12	-	-	-	4.1	2.1	-	1.1	1.4	0.8	4.4	-	9.7	12
13	-	2.4	123.0	3.9	1.8	0.7	1.0	-	1.8	3.9	-	11.5	13
14	2.3	2.4	14.2	3.5	-	0.7	0.7	-	2.4	3.1	-	50.6	14
15	-	2.4	13.0	2.5	-	0.7	0.9	1.3	-	0	4.4	-	15
16	-	2.4	10.2	-	1.6	0.6	-	0.7	1.7	1.7	4.8	-	16
17	2.3	2.4	9.7	-	1.5	0.9	-	2.0	-	3.0	17.2	-	17
18	-	-	9.2	-	1.6	-	1.4	2.0	-	2.7	10.5	-	18
19	-	-	-	2.7	1.7	-	1.0	0.7	1.8	2.4	-	15.1	19
20	2.3	-	-	2.7	1.8	0.7	0.7	-	3.1	2.5	-	14.2	20
21	2.2	-	8.1	2.8	-	0.9	0.7	-	4.4	-	-	15.2	21
22	-	2.4	8.1	5.0	-	0.8	0.7	3.5	2.6	-	4.9	11.7	22
23	-	2.4	8.3	15.0	-	0.8	-	1.6	-	-	3.1	9.8	23
24	2.2	2.3	-	-	1.0	0.6	-	2.2	-	2.3	10.2	-	24
25	-	2.5	8.5	8.3	1.6	-	0.6	2.0	18.4	2.3	9.2	-	25
26	2.2	2.7	7.4	5.0	1.5	-	0.5	1.7	17.5	2.3	7.0	-	26
27	2.2	-	7.0	4.0	0.9	0.6	0.4	-	-	2.3	-	-	27
28	2.2	2.6	7.0	4.0	-	0.7	0.4	-	4.0	2.3	7.0	28.0	28
29	-	-	17.8	3.5	-	5.2	0.1	1.0	3.1	-	7.2	28.0	29
30	-	-	8.3	-	0.9	1.6	-	1.0	2.4	-	-	-	30
31	-	-	8.3	-	0.9	-	-	1.0	-	2.2	-	-	31



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